

INCH-POUND

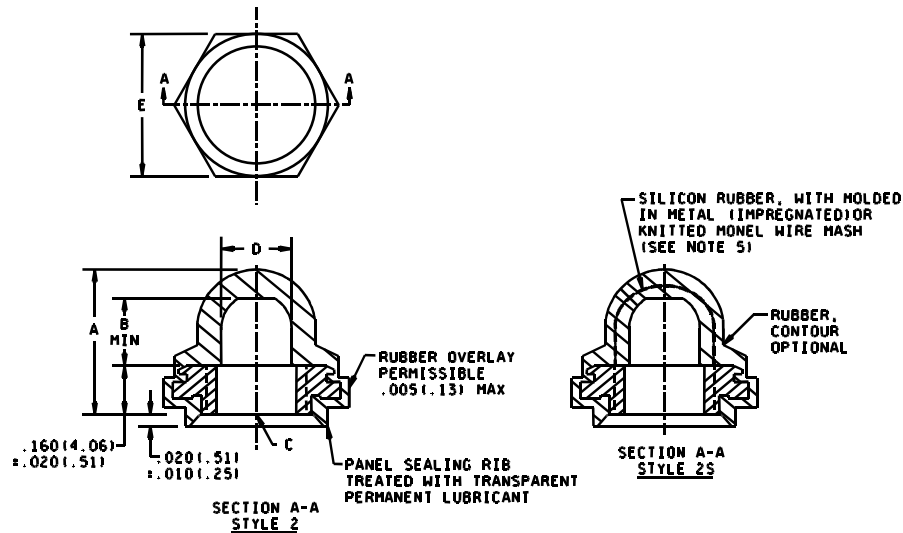
MIL-DTL-5423/7E
w/Amendment 1
10 March 2004
SUPERSEDING
MIL-DTL-5423/7E
24 May 2002

DETAIL SPECIFICATION SHEET

BOOT, DUST AND WATER SEAL, TYPE B (FOR PUSHBUTTON SWITCHES),
STYLE 2 (ONE - HOLE MOUNTING, DRILLED PANEL),
STYLE 2S (RFI-SHIELDED, ONE - HOLE MOUNTING, DRILLED PANEL)

This specification forms a part of MIL-DTL-5423, dated 5 April 2002, and is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification and MIL-DTL-5423.



Size	Dimensions				
	A	B (min)	C	D	E
1	.547 (13.89)	.281 (7.14)	15/32-32 UNS-2B	.422(10.72)	.625(15.88)
2	.719 (18.26)	.438 (11.13)	15/32-32 UNS-2B	.422(10.72)	.625(15.88)
3	.547 (13.89)	.281 (7.14)	1 / 2-32 UN-2B	.422(10.72)	.625(15.88)
4	.609 (15.47)	.281 (7.14)	5/8-24 UNEF-2B	.516(13.11)	.750(19.05)
5	.547 (13.89)	.138 (4.78)	1 / 2-32 UN-2B	.422(10.72)	.625(15.88)

NOTES:

1. Dimensions are in inches.
2. Millimeters are in parentheses.
3. Metric equivalents are given for general information only and are based upon 1 inch = 25.4 mm.
4. Unless otherwise specified, tolerances are $\pm .015$ (.38 mm).
5. Monel in accordance with QQ-N-281, class A or equivalent.

FIGURE 1. Dimensions and configuration boots type B, style 2 and style 2S.

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REQUIREMENTS:

Dimensions and configuration: See figure 1.

Silicon rubber: Grade 60. The color shall be specified in table I.

Endurance:

Style 2: In accordance with MIL-DTL-5423.

Style 2S: 15,000 cycles of mechanical operation.

Part or Identifying Number (PIN): See table I.

TABLE I. PIN's, size, and color.

PIN M5423/07-	Size		Color
	Style 2	Style 2S <u>1/</u>	
01	1	---	Gray
02	2	---	"
03	3	---	"
04	4	---	"
05	5	---	"
06	---	1	"
07	---	2	"
08	---	3	"
09	---	4	"
10	---	5	"
11	1	---	Clear
12	2	---	Clear

1/ Style 2S pushbutton switches selected for use with these boots shall have adequate return force to avoid tendency of the boot limiting the return of the button to the normal position.

Referenced Documents:

MIL-DTL-5423
QQ-N-281

Custodians:

Army - CR
Navy - AS
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC

(Project 5930-1834)

Review activities:

Army – AR, AT, AV, CR4, MI
Navy – CG, EC, MC, OS
Air Force – 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at www.dodssp.daps.mil.